

Anti-Noxa antibody [114C307] ab13654

★★★★☆ **6 Abreviews** **86 References** **画像数 3**

製品の概要

製品名	Anti-Noxa antibody [114C307]
製品の詳細	Mouse monoclonal [114C307] to Noxa
由来種	Mouse
アプリケーション	適用あり: IHC-P, WB, Flow Cyt (Intra)
種交差性	交差種: Mouse, Human
免疫原	Fusion protein containing human Noxa.
ポジティブ・コントロール	WB: RL-7 cell lysate. Flow Cyt (Intra): Jurkat cells. IHC-P: Chronic Lymphocytic Leukemia (CLL) xenograft tissue.
特記事項	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	pH: 7.40 Preservative: 0.02% Sodium azide Constituent: PBS
精製度	Protein G purified
ポリ/モノ	モノクローナル
クローン名	114C307
アイソタイプ	IgG1

アプリケーション

The Abpromise guarantee

Abpromise保証は、次のテスト済みアプリケーションにおけるab13654の使用に適用されます

アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
IHC-P		Use a concentration of 5 µg/ml. Bouin-fixed.
WB	★★★★☆ (4)	Use a concentration of 1 - 2 µg/ml. Detects a band of approximately 11 kDa.
Flow Cyt (Intra)		Use 1 µg for 10 ⁶ cells. ab170190 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

ターゲット情報

機能

Promotes activation of caspases and apoptosis. Promotes mitochondrial membrane changes and efflux of apoptogenic proteins from the mitochondria. Contributes to p53/TP53-dependent apoptosis after radiation exposure. Promotes proteasomal degradation of MCL1. Competes with BAK1 for binding to MCL1 and can displace BAK1 from its binding site on MCL1 (By similarity). Competes with BIM/BCL2L11 for binding to MCL1 and can displace BIM/BCL2L11 from its binding site on MCL1.

組織特異性

Highly expressed in adult T-cell leukemia cell line.

配列類似性

Belongs to the PMAIP1 family.

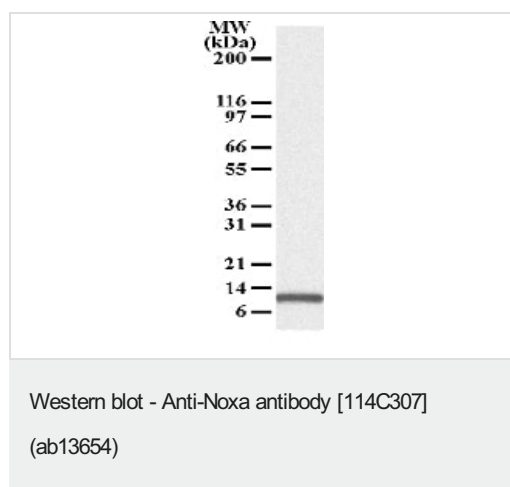
ドメイン

The BH3 motif is essential for pro-apoptotic activity.

細胞内局在

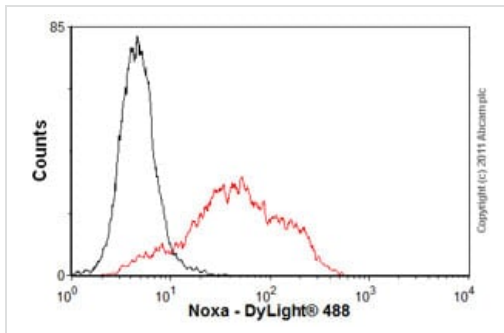
Mitochondrion.

画像



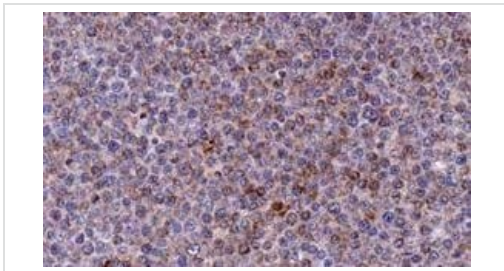
Western blot detection of Noxa in RL-7 cell (a follicular lymphoma) lysate. A protein of approximate molecular weight of 11 kDa is detected using ab13654 at 2 µg/ml.

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Flow Cytometry (Intracellular) - Anti-Noxa antibody [114C307] (ab13654)

Overlay histogram showing Jurkat cells stained with ab13654 (red line). The cells were fixed with 4% paraformaldehyde (10 min) and then permeabilized with 0.1% PBS-Tween for 20 min. The cells were then incubated in 1x PBS / 10% normal goat serum / 0.3M glycine to block non-specific protein-protein interactions followed by the antibody (ab13654, 1 µg/1x10⁶ cells) for 30 min at 22°C. The secondary antibody used was DyLight® 488 goat anti-mouse IgG (H+L) ([ab96879](#)) at 1/500 dilution for 30 min at 22°C. Isotype control antibody (black line) was mouse IgG1 [ICIGG1]([ab91353](#), 2 µg/1x10⁶ cells) used under the same conditions. Acquisition of >5,000 events was performed. This antibody gave a positive signal in Jurkat cells fixed with 80% methanol/permeabilized in 0.1% PBS-Tween used under the same conditions.



Immunohistochemistry paraffin embedded sections - Anti-Noxa antibody [114C307] (ab13654)

Bouin-fixed, paraffin-embedded human tonsil tissue stained for Chronic Lymphocytic Leukemia (CLL) xenograft tissue stained for Noxa using ab13654 at 1/2000 dilution in immunohistochemical analysis.

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